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Borini et al.(10) **Pub. No.: US 2014/0247529 A1**(43) **Pub. Date: Sep. 4, 2014**(54) **APPARATUS AND METHOD FOR WATER
PROTECTION OF AN ELECTRONIC DEVICE****Publication Classification**(71) Applicant: **NOKIA CORPORATION**, Espoo (FI)(72) Inventors: **Stefano M. Borini**, Cambridge (GB);
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USPC **361/91.2**(57) **ABSTRACT**

An apparatus comprises a sensor having a sensing film and at least two electrodes; and a plurality of electronic components operably associated with the sensor. The sensing film is configured to provide a signal based on humidity immediately prior to contact with liquid water. The electronic components are configured to provide a change in output voltage to trigger an electronic switch that disconnects an electronic device from a power source.

